Tool: GreenT	Tool Version: 1.1.0	Delivery Date: 04/05/2016

Delivery Type:

☒ Tool Release	☐ Patch Release (bugfix only)	☐ Prototype
☐ Platform Release	☐ Patch Release (functional update only)	☐ Pilot baseline

Delivery Locations:

☐ all TM locations			
☐ ABH	☐ CHG	☐ RBG	☐ SBA
☐ BLR - IDC	☐ IAS	☒ TLS	☐ SHA
☐ BLR – SISL	☐ ICH	☐ TSR	

Tool description and Known Issues

GreenT is a tool for test automation on ES project using laboratory workbench equipped with HIL DSpace and Debuger T32 Lauterbach.

GreenT was designed and develop in order to allow ES customer project team to:
- Write themselves their own test case with a simple language (GTL standing for GreenT Language)
- Execute automatically the test using remote access to workbench computer.
- Analyse easily test result to find quickly most meaningful ones (i.e red status) among a large amount of test report

To perform test execution on the workbench, GreenT need to run 3 separated process:
- A GreenT client (typically ran on the user's computer)
- A T32 Debugger server and a HIL Dspace server which must be both executed on the workbench computer

Added features

- Management of multi-core projects
- Parse .grl files for NC_ constants
- Add a parameter of time tolerance in testsession : if eb is false, we try it few micros later.
- Add a Generic Testplan for projects that don't use the Walkthrough file
- Scheduling an execution at a given hour
- Improved the writing of sub scenario.
- Add bitwise operators : AND, OR, NOT and XOR in expected behavior
- Migration of GreenT client to Java 8
- Corrections of bugs

Contained Deliverables (e.g. tool, documentation, etc) :

Name	Version	Comment/link
GreenT_1.1.0/	1.1.0	Folder containing Java binary of GreenT client
DBGServerT32_1.2/	1.2	Folder containing executable jar Debuger server on the workbench computer, and all used .cmm script and dll libraries used by the T32 server
HILServerDSpace_1.1/	1.1	Folder containing DspaceServer python script, as well as all scripts used to run the Dspace server
GreenTUserManual_1_1.pdf	1.1	User manual
launch-servers.bat		To launch execution of the T32 and ContolDesk servers on the workbench computer
GreenT_1.1.0.bat	1.1.0	Script for GreenT launching : automatically run the jar version with an embedded JRE1.8.

GreenT 1.1.0 requires following components :

Name	Version	Comment/link
DBGServerT32	1.2 or higher	
HILServerDSpace	1.1 or higher	
Java Runtime Environment (JRE)	1.8.0_51	For all pc without Java 8.

History of GreenT tool

Version number	Added features
1.0.0	First version fully operational. Only DSpace Control Desk and Lauterbach T32 are supported. Test reports are generated to Excel format